In the claims:

Amend the claims as follows:

15. A method of compressing a sequence of data elements [which are image data], comprising the steps of storing data elements in a compressed or uncompressed form depending on a correlation with the data elements preceding or following the data elements in a sequence; providing at least one additional data element in which is stored an information as to whether the stored data elements are stored in a compressed or incompressed form; storing in a first region the data element in which is stored information as to which data elements are stored in a compressed or uncompressed form; and storing in a second storage region the compressed or uncompressed data elements.

19. A method for decompressing a sequence of data elements [which are image data], from a data packet, comprising the steps of comprising a data packet of data elements in a first region and a second region of the data packet; generating a sequence of data elements as a function of the data elements stored in the first region, from the data elements stored in the second region, with or without decompression; and

processing the data elements and base elements in a predetermined

sequence; respectively associating each base element of the data elements

stored in the first region with two data elements stored in the second region;

if a base element has a first value, not occurring a compression of the data

element; if the base element has a second value not occurring a

decompression.

Amended claims:

15. A method of compressing a sequence of data elements, comprising the steps of storing data elements in a compressed or uncompressed form depending on a correlation with the data elements preceding or following the data elements in a sequence; providing at least one additional data element in which is stored an information as to whether the stored data elements are stored in a compressed or incompressed form; storing in a first region the data element in which is stored information as to which data elements are stored in a compressed or uncompressed form; and storing in a second storage region the compressed or uncompressed data elements.

19. A method for decompressing a sequence of data elements, from a data packet, comprising the steps of comprising a data packet of data elements in a first region and a second region of the data packet; generating a sequence of data elements as a function of the data elements stored in the first region, from the data elements stored in the second region, with or without decompression; and processing the data elements and base elements in a predetermined sequence; respectively associating each base element of the data elements stored in the first region

with two data elements stored in the second region; if a base element has a first value, not occurring a compression of the data element; if the base element has a second value not occurring a decompression.

Respectfully submitted,
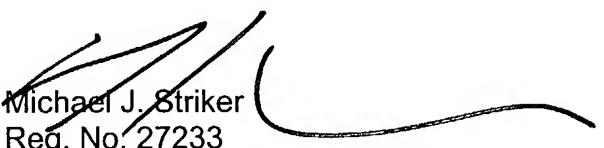
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